

In claims 14 and 15, replace "13" with --28--.

18. (Amended) The recording medium of claim 17, wherein said recording medium is at least one of a magnetic medium, a magnetic tape medium, and an optical disk medium.

Please cancel claims 1, 3, 4, 6, 7, 11, 13, 16, 19 and 20 without prejudice or disclaimer.

Please add new claims 21-30 as follows:

21. (New) An apparatus for enhancing the quality of an input audio signal having a frequency bandwidth with a plurality of frequencies, a low end and a high end, said apparatus comprising:

a circuit operatively adapted for distorting the input audio signal transmitted therethrough into an enhanced audio signal, the enhanced audio signal being non-linear with frequencies which increase in amplitude as per increasing frequencies from a reference frequency toward its high end, over at least a portion of its frequency bandwidth, to a high frequency peak,

wherein the enhanced audio signal exhibits an improved harmonic quality compared to that of the input audio signal.

22. (New) The apparatus as recited in claim 21, wherein the enhanced audio signal produced by said circuit is substantially similar in amplitude to that of the input audio signal.

23. (New) The apparatus as recited in claim 21, wherein said circuit is further operatively adapted to cause additional distortion of the input audio signal such that the frequencies in the enhanced audio signal increase in amplitude as per decreasing frequencies from the reference frequency toward its low end, over at least a portion of the frequency bandwidth.

24. (New) The apparatus of claim 21, wherein said circuit comprises:

an input stage having a field inducing coil with a plurality of turns through which input electronic audio signals are to be transmitted to set-up an electromagnetic field; and

an output stage having an electromagnetic field receptor coil with a plurality of turns and an output, said receptor coil having a greater number of turns than said inducing coil, said inducing coil and said receptor coil being weakly coupled such that when an input audio signal is transmitted through said field inducing coil, an enhanced audio signal is available at said output.

25. (New) A method of enhancing the quality of electronic audio signals, comprising the steps of:

providing an electronic audio signal having a frequency bandwidth with a plurality of frequencies, a low end and a high end; and

distorting the shape of the electronic audio signal into an enhanced audio signal such that the frequencies are increased in amplitude as per increasing frequencies from a reference frequency toward the high end, over at least a portion of the frequency bandwidth, to a high frequency peak.

26. (New) The method as recited in claim 25, wherein said step of distorting results in the enhanced audio signal being substantially similar in amplitude to that of the electronic audio signal.

27. (New) The method as recited in claim 25, further comprising the step of further distorting the shape of the electronic audio signal such that the frequencies increase in amplitude as per decreasing frequencies from the reference frequency toward the

low end, over at least a portion of the frequency bandwidth.

28. (New) The method as recited in claim 25, wherein said step of distorting the shape of the electronic audio signal comprises the steps of:

transmitting at least one input electronic audio signal through a field inducing coil having a plurality of turns, thereby setting up at least one electromagnetic field; and

weakly coupling the at least one electromagnetic field to an electromagnetic field receptor coil having a greater number of turns than that of the inducing coil to generate at least one enhanced electronic audio signal in the receptor coil having an enhanced harmonic content compared to that of the input electronic audio signal.

29. (New) An electronic audio signal enhanced according to the method of claim 25, wherein said electronic audio signal has a bandwidth within the range of human hearing.

30. (New) An electronic audio signal as set forth in claim 25, wherein said electronic audio signal has a reference frequency of about 1 KHz.

REMARKS

New claims 21-30 have been added to more fully define the scope of the present invention. Support for the above amendments to the specification and claims, including the addition of new claims 21-30, can be found generally in the figures and the detailed description section of the specification.

The matter added to the instant application by the